Fearless Night

Circular LED Clock

Operating Instructions

Figure 1 – Front View

This is an art deco clock

- Timekeeping Accuracy: +/- 4 Minutes / Year
- Bright, colorful LED display
- 7” x 7” (5” clock face diameter)
- Desktop or wall hanging
- Includes AC power adapter
- IR remote control

How to Read the Clock Time

Figure 2 – LED Rings

Center Point – One Second Tick

The center LED (the white LED in Figure 2) blinks at a one second rate.

Ring 1 – AM/PM Indicator

The innermost ring (the blue LEDs in Figure 2) indicates that the time is PM.

Ring 2 – Hours Indicator

This ring (the green LEDs in Figure 2) indicates the hour, similar to how a conventional clock hour hand works.

Ring 3 – Not used in clock time display mode.

This ring (the yellow LEDs in Figure 2) is not used when the clock is displaying time. This ring only activates when setting the clock time or when one of the “entertainment” modes is running.

Ring 4 – Sweep second hand

This ring (the orange LEDs in Figure 2) shows the second.

Outermost ring – Minutes Indicator

This ring (the red LEDs in Figure 2) indicates the minute.

Example Clock Display

Figure 3 – It's about 8:46:01 PM

Example Explanation

In the example shown in Figure 3, the blue LEDs indicate that the time is PM, the green LEDs show the hour is 8, the red LEDs show that the minute is approximately 46 after the hour, and the orange LED is the second hand, which is at about 0.. So the time is 8:46 PM.

Setting the Clock

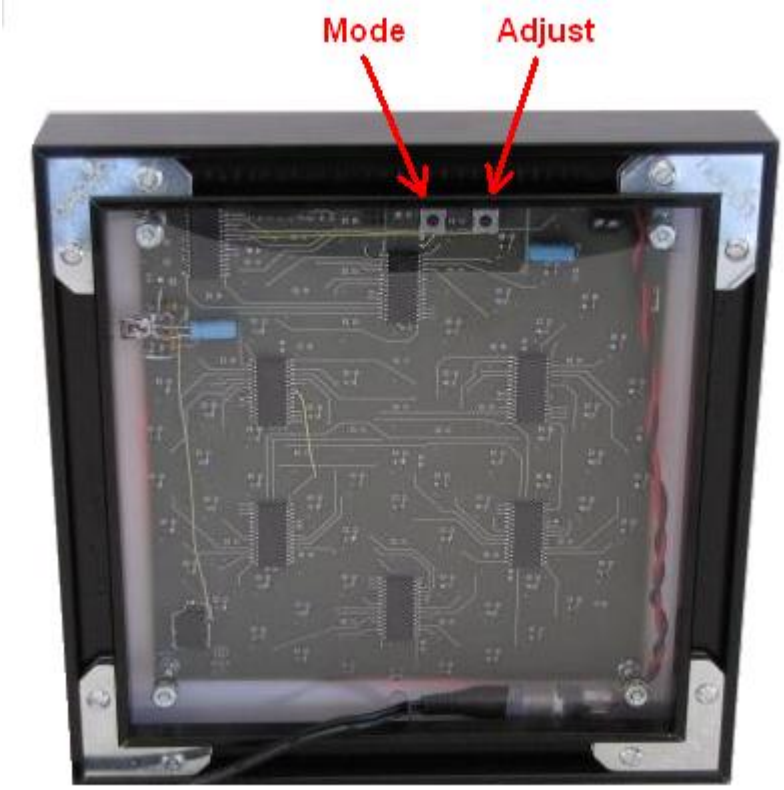

Figure 4 – Back View

Manual Setting Switches

To set the time manually, press the Mode button (shown in Figure 4). This will cause the ring 3 (the yellow LEDs in Figure 2) to turn on to indicate time setting mode. Then press (and hold) the Adjust button until the clock time is correct. When the time is correct, press the Mode button again and the clock will resume running.

IR Remote Control

To set the time using an IR remote control, refer to the IR Remote section below.

Entertainment Modes

Pressing the Adjust button when the clock is running will cycle through the entertainment mode displays.

IR Remote Operation

The IR remote control is not included with the Circular LED clock; you must provide a compatible IR remote control.

Set your IR remote control so that it is compatible with a Panasonic REC-80 “DBS/CBL” device. For example, if you are using a URC-3220 “All-For-One” universal remote control, select the VCR device code 1062.

The following IR remote functions are available:

Panasonic (DBS/CBL) Remote	URC-3220 (VCR) Remote	Function Description
“0”	“0”	Clock Mode
“1”	“1”	Entertainment mode 1
“2”	“2”	Entertainment mode 2
“3”	“3”	Entertainment mode 3
“4”	“4”	Entertainment mode 4
“5”	“5”	Entertainment mode 5
“6”	“6”	Entertainment mode 6
“7”	“7”	Entertainment mode 7
“8”	“8”	Entertainment mode 8
“9”	“9”	Random Entertainment Mode
“prog”	“rec”	Enter/Exit Clock Time Set Mode
“ch-up”	“ch-up”	Increment Time (set mode only)
“ch-dn”	“ch-dn”	Decrement Time (set mode only)
“tune”	“pause”	Toggle AM/PM (set mode only)
“mute”	“mute”	Toggle display on/off

Note that there are a total of 10 entertainment modes. Only the first 8 can be selected directly with the IR remote control. The remaining modes can be selected using the random mode or by using the manual control buttons on the back of the device.

Midnight Crazy

At midnight, the clock will enter automatic random entertainment mode for one minute.

Maintenance

The case is aluminum and Plexiglas (acrylic). Clean with water and a mild (non-ammonia) cleaning solution to remove fingerprints from the Plexiglas.

Specifications

Accuracy: +/- 4 Minutes / Year (0 to 40 C)
Power Input: 5 VDC, 1A
Power Backup: No

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